
From: Bill Lawrence
Sent: Monday, June 04, 2012 4:21 PM
To: Tom Schulz
Cc: Craig Hutchings
Subject: FW: San Jacinto Monitoring Well Survey

{L:\C760_SanJacinto_IPC\Data\2012GWSamp\FieldInfo\SanJacWells_053112.xls}

Tom,
Here is survey data for the 3 groundwater monitoring wells that were recently installed at the San Jacinto South Impoundment.
Bill

Bill Lawrence, C.P.G., L.G. | Scientist

Tel: 206.957.0326 | Cell: 303.968.7981

From: Chris Torell [<mailto:ctorell@anchoragea.com>]
Sent: Friday, June 01, 2012 6:55 AM
To: Bill Lawrence
Cc: David Keith; Jennifer Sampson; Craig Hutchings
Subject: FW: San Jacinto Monitoring Well Survey

Bill,

Draft data from the surveyor for South Impoundment – looks fine to me. Do you guys want to drop the XY data into a base map and just make sure things are in the right spot? We can do it if you want. Once this is verified I think we can make the data “final”.

Thanks,

Chris

Christopher R. Torell, P.G., CSP

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From: Rob Roman [\[mailto:robert.roman@att.net\]](mailto:robert.roman@att.net)
Sent: Thursday, May 31, 2012 3:08 PM
To: Chris Torell
Subject: San Jacinto Monitoring Well Survey

Chris

Attached are the results from today's survey of the monitoring wells

Robert Roman, PE
Hydrographic Consultants

Rroman@hydro-ltd.com
(832) 798-1486

Anchor Environmental
San Jacinto Monitoring Wells
Survey Control Checks and Well Locations
Survey Dates: 5/31/12

Coordinate System US State Plane 1983 Zone Texas South Central 4204
Project Datum (WGS 84)
Vertical Datum NAVD88 Geoid Model GEOID99 (Conus)
Coordinate Units US survey feet
Distance Units US survey feet
Height Units US survey feet

Base station is set at point:
CRA-01
X: 3216740.02
Y: 13857257.58
Z: 3.64

Checks measured at point:
070085
X: 3211801.42
Y: 13856382.64
Z: 4.66

Checks at 070085

Point Name	X	Y	Z	Code
053112-006	3211801.38	13856382.66	4.61	chk 070085
053112-017	3211801.39	13856382.64	4.66	chk 070085
AVERAGE	3211801.38	13856382.65	4.63	
	3211801.42	13856382.64	4.66	
Delta	0.04	-0.01	0.03	

Pt Name	Easting	Northing	Elevation	Description
053112-014	3215982.91	13856907.29	5.88	Well 1 top of pvc
053112-015	3215982.95	13856907.05	6.14	Well 1 top of steel flush mount
053112-016	3215983.61	13856905.96	6.04	Well 1 natural ground
053112-007	3216109.27	13856578.15	5.98	Well 2 top of pvc
053112-008	3216109.43	13856578.39	6.22	Well 2 top of steel flush mount
053112-009	3216110.68	13856578.12	6.04	Well 2 natural ground
053112-010	3215744.62	13856487.33	11.05	Well 3 top of pvc
053112-011	3215744.51	13856487.26	11.23	Well 3 top of steel casing
053112-012	3215743.86	13856487.32	8.59	Well 3 top of concrete
053112-013	3215743.69	13856485.90	8.26	Well 3 natural ground

3215983.16 13856906.77

3216109.79 13856578.22

3215744.17 13856486.95

WELL ID as per photo document supplied by Anchor QEA

